

ABSTRACT

5 A calculation section performs a simplified calculation to obtain lengths and/or angles using calculations of addition and multiplication, without using calculations of division, square root and inverse trigonometric function that impose heavy load to the hardware. A data storage section stores reference length data and reference angle data in a data format that is appropriate for the simplified calculation.

Patent application of the present invention was filed in Japan on May 1, 1996, under the name of "Method and Apparatus for Calculating Length and Angle", and is assigned to the applicant of the present invention.